

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

June 3, 2003

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FROM: **G. DANIEL OJEDA**, Director
 Architecture & Engineering Department

DAVE GIBSON, Director
 Facilities Management Department

**SUBJECT: CENTRAL JUVENILE HALL HVAC SYSTEM AND CONTROLS REPLACEMENT
 – AWARD CONSULTANT CONTRACT**

RECOMMENDATION: Award a \$68,000 consultant agreement to BP & Associates, Inc. for the Central Juvenile Hall HVAC System and Controls Replacement project.

BACKGROUND INFORMATION: The Central Juvenile Hall (224,683 s.f.) is located at 900 East Gilbert Street, in San Bernardino consisting of northern and southern complexes which were built in the 1970's and 1950's respectively. In 2000, new HVAC units were installed in the southern complex as part of the Hospital Reuse Project adopted by the Board on March 16, 1999. These HVAC units in the southern complex were previously connected to the old County Medical Center (CMC) and as a result of the demolition of CMC, the installation of an independent HVAC system for the southern complex was required. The northern complex is connected to a separate system independent of the southern complex.

In July 2001, Facilities Management hired Mathaudhu Engineering to review the existing HVAC systems of the Central Juvenile Hall and several other county facilities for recommendations limited to modification and/or replacement of equipment necessary in order to increase efficiency and reduce maintenance costs. On October 23, 2001, an item was presented to the Board recommending that the scope of work and budgets for the five HVAC projects included in the 2001-02 Capital Improvement Program (CIP) budget be adjusted in accordance with the recommended revisions presented in Mathaudhu Engineering's Energy Conservation Study. The goal was to re-allocate the financial resources to add two crucial HVAC upgrade projects at Central Juvenile Hall including the replacement of two chillers that had failed. The new Central Juvenile Hall Project consists of two phases in which Phase I was to replace the two chillers and the main electrical/mechanical control center and Phase II which will replace air handlers, controls, and rezone and balance the north complex HVAC system. Due to the emergency nature of the chiller replacement project, Phase I was completed in May 2002.

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On July 16, 2002, the HVAC Project Summary Report (Report) presented to the Board inadvertently estimated the Phase II project at \$1,000,000. This estimate was adjusted accordingly to \$600,000 in the Report submitted to the Board on May 13, 2003. The consultant services requested are for Phase II only and include the preparation of plans and specifications to replace the aged air handling units and controls which support the northern Juvenile Hall Complex.

On December 3, 2002, in accordance with County Policy 11-05 SP1, Architecture and Engineering sent Request for Proposals to five (5) consultants along with advertising through the county website. Four of the five (5) consultants submitted a proposal on January 14, 2003. The four (4) consultants consisted of the following: B.P. Associates, Inc. of Tustin, TMAD Engineers of Ontario, Mathaudhu/TMAD of Riverside, and P2S Engineering, Inc. of Long Beach. A selection committee was formed to select the most qualified consultant. The committee included representatives from the Architecture and Engineering Department, Facilities Management, and Superior Court. Interviews were conducted on February 26, 2003, with the four (4) respondents to the RFP. BP & Associates, Inc. was selected on the basis of being the most qualified and A & E determined the cost of \$68,000 is fair and reasonable for the scope of work to be performed.

This project is consistent with a County Administrative Office approved Capital Improvement Program request.

REVIEW BY OTHERS: This item has been coordinated with Eli Montoya, Department Contract Compliance Designee, on May 7, 2003; approved as to legal form by County Counsel (Jean-Rene Basle, Deputy County Counsel) on May 8, 2003; and reviewed by the County Administrative Office (Lynn Chacon and Vicki Kratzke, Administrative Analysts) May 8, 2003.

FINANCIAL IMPACT: This project was originally funded in the amount of \$400,000 (construction-\$313,320; contingencies-\$31,332; design/project management/inspection-\$55,348) in the 2001/02 Capital Improvement Program with no expenditures incurred resulting in a carryover of \$400,000 into FY 2002/03. On May 13, 2003 the Board approved the HVAC Project Summary Report that revised the estimated project cost to \$600,000 (construction-\$470,000; contingencies-\$47,000; design/project management/inspection-\$83,000). The \$68,000 cost for consultant services is within the design budget. This project is funded from the general fund.

COST REDUCTION REVIEW: The County Administrative Office has reviewed this agenda item and concurs with the department's proposal and recommends this action based on the necessity to replace the aged air handling units and controls with equipment that is more energy efficient.

SUPERVISORIAL DISTRICT(S): Fifth

PRESENTER: G. Daniel Ojeda, Director, A&E, 387-5025

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